

**WHAT IS CLAIMED IS:**

1    1. A folding type portable communication device,  
2    comprising:

3         two communication units connected to each other in  
4         a foldable manner and having a folded position and an  
5         unfolded position;

6         a two-level switch for detecting which one of the  
7         folded and unfolded position the two communication units  
8         have, the switch providing a first level when the two  
9         communication units have the folded position and a second  
10      level when the two communication units have the unfolded  
11      position;

12         a vibrator;

13         a sounder;

14         a mode selector operatively coupled with the two  
15         level switch, the vibrator and the sounder for  
16         selectively providing setting for one of a calling  
17         reception vibration mode and a calling reception sound  
18         mode in response to the level provided by the two-level  
19         switch,

20         the mode selector including a first circuit for  
21         driving the vibrator when energized and a second circuit  
22         for driving the sounder when energized,

23         the mode selector including a controller for  
24         energizing the first circuit upon reception of a calling  
25         when the setting for the calling reception vibration mode  
26         is provided and the second circuit upon reception of a  
27         calling when the setting for the calling reception sound  
28         mode is provided.

1    2. A folding type portable communication device as  
2    claimed in claim 1, wherein the controller energizes the  
3    first circuit upon reception of a calling when the

4 two-level switch provides the first level indicating  
5 that the two communication units have the folded position,  
6 and where the controller energizes the second controller  
7 upon reception of a calling when the two-level switch  
8 provides the second level indicating that the two  
9 communication units have the unfolded position.

1 3. A folding type portable communication device as  
2 claimed in claim 1, wherein the controller energizes the  
3 first circuit upon reception of a calling when the  
4 two-level switch provides the second level indicating  
5 that the two communication units have the unfolded  
6 position, and where the controller energizes the second  
7 controller upon reception of a calling when the two-level  
8 switch provides the first level indicating that the two  
9 communication units have the folded position.

1 4. A folding type portable communication device as  
2 claimed in claim 1, wherein the mode selector includes  
3 a memory coupled with the controller, and wherein the  
4 memory stores the settings for the calling reception  
5 vibration mode and calling reception sound mode.

1 5. A folding type portable communication device as  
2 claimed in claim 1, wherein the two-level switch includes  
3 a magnet mounted within one of the two communication  
4 units and a detector mounted within the other  
5 communication unit for detecting a magnetic field  
6 provided by the magnet.

1 6. A folding type portable communication device as  
2 claimed in claim 5, wherein the magnet is brought into  
3 registry with the detector when the two communication  
4 units have the folded position.

-10-

Ne-1060

- 1      7. A method of controlling a selection between a  
2 calling reception vibration mode and a calling reception  
3 sound mode of a folding type portable communication  
4 device that has two communication units connected to each  
5 other in a foldable manner and having a folded position  
6 and an unfolded position, the method comprising;  
7            detecting which one of the folded and unfolded  
8 position the two communication units have;  
9            providing setting for the calling reception  
10 vibration mode upon detecting the folded position; and  
11            providing setting for the calling reception sound  
12 mode upon detecting the unfolded position.